

11/28/03

Attorney Docket No. 2848-40 CIP Client Matter No. 63839.0032.003 Express Mail Label No. EV322528945US

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Reed Ayers, et al.

Serial No.: 10/621,752

Filed: July 16, 2003

For: MANUFACTURE OF POROUS NET-SHAPED MATERIALS COMPRISING ALPHA OR BETA TRICALCIUM PHOSPHATE OR MIXTURES THEREOF Art Unit: 3732

Examiner: Not yet accorded

# CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the attached:

- 1. Information Disclosure Statement;
- 2. Form PTO/SB/08A, with copies of 18 references;
- 3. Certificate of Mailing; and
- 4. Return card

relating to the above application, were deposited as "Express Mail" Mailing Label No. EV322528945US with the United States Postal Service, addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Nov. 24, 200

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Date

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# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant hereby submits for filing under 37 CFR 1.97 a disclosure statement. In submitting these references, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information of which Applicant is presently aware are listed in Form PTO/SB/08A submitted herewith and copies of all such patents and publications are attached hereto.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Respectfully submitted,

Nov. 26, 2003

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PTO/SB/08A (10/01) (Substitute for form 1449A/PTO)

ATTY. DOCKET NO. 2848-40 CIP

**APPLICATION NO.** 10/621,752

**INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

**FIRST NAMED INVENTOR** 

**Reed Ayers** 

(Use several sheets if necessary)

Sheet 1 of 2

**FILING DATE** July 16, 2003

ART UNIT 3732

#### **U.S. PATENT DOCUMENTS**

| Examiner<br>Initials | Cite<br>No. | Document No.<br>No. – Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Doc | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|----------------------|-------------|---------------------------------|-----------------------------|---|--|
|                      | 1           | 5,188,678                       | 02-23-1993                  | Sekhar et al                                  |  |
|                      | 2           | 5,607,474                       | 03-04-1997                  | Athanasiou et al.                             |  |
|                      | 3           | 5,769,884                       | 06-23-1998                  | Solovay                                       |  |
|                      | 4           | 5,986,169                       | 11-16-1999                  | Gjunter                                       |  |
|                      | 5           | 6,019,936                       | 02-01-2000                  | Chung et al.                                  |  |
|                      | 6           | 6,283,997 B1                    | 09-04-2001                  | Garg et al.                                   |  |
|                      | 7           | 6,316,091 B1                    | 11-13-2001                  | Richart et al.                                |  |
|                      | 8           | 6,365,149 B2                    | 04-02-2002                  | Vyakarnam et al.                              |  |
|                      | 9           | 6,375,877 B2                    | 04-23-2002                  | Lauf et al.                                   |  |
|                      | 10          | 6,458,162 B1                    | 10-01-2002                  | Koblish et al.                                |  |

# **FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials | Cite<br>No. | Foreign Patent Doc<br>cntry code – No. – Kind<br>Code | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Doc | Pages, Columns. Lines<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | TRANSLATION |    |
|----------------------|-------------|---|-----------------------------------|---|---|-------------|----|
|                      |             |   |                                   |   |   | YES         | NO |
|                      | 11          | WO 99/34845   | 07-15-1999                        | Biorthex Inc.                                 |   | ×           |    |

# OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published |
|----------------------|-------------|---|
| _                    | 12          | A. C. Tas, J. Am. Ceram. Soc., 81(11): 2853-2863 (1998)   |
|                      | 13          | X. Zhang, et al., Combustion Synthesis of Advanced Porous Materials in Microgravity Environment, May 1999 (available at www.ncmt.org/events/combustion1999)   |
|                      | 14          | V. Brailovski and R. Trochu; <i>Bio-Medical of Materials and Engineering</i> , 6(4): 291-298 (1996)   |

**EXAMINER SIGNATURE** 

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

| ATTY.  | DOCKET | NO. |
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| 2848-4 | CIP    |     |

APPLICATION NO. 10/621,752

FIRST NAMED INVENTOR

Reed Ayers

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|----------------------|-------------|---|-----------------------------------|--|---|-------------|----|
|                      |             |   |                                   |  |   | YES         | NO |
|                      |             |   |                                   |  |   |             |    |

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|----------------------|-------------|---|
|                      | 15          | A. C. Tas, et al., <i>J. Materials Science</i> , 8:91-96 (1997)   |
|                      | 16          | N. Kivrak and A.C. Tas, <i>J. Am. Ceram.</i> Soc., 81(9): 2245-2252 (1998)  |
|                      | 17          | R. Cavagan, et al., Journal of Long-Term Effects of Medical Implants, 9(4):403-412 (1999)   |
|                      | 18          | A. C. Tas, Journal of the European Ceramic Society, 20:2389-2394 (2000)   |

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